

From: [Matt Wickham](#)
To: [Josiam, Raji](#)
Subject: RE: USOR - Roll-off Transfer Update
Date: Wednesday, June 15, 2016 10:24:02 AM

Raji – see attached photos from site showing the ruts in the southeast field. I'll call to discuss.

Thanks

Matt

From: Josiam, Raji [mailto:josiam.raji@epa.gov]

Sent: Wednesday, June 15, 2016 9:32 AM

To: Eric Pastor

Cc: Bryan Luper ; 'Derrick Cobb' (derrick.cobb@westonsolutions.com) ; Corey Bercher (corey.bercher@westonsolutions.com) ; Matt Wickham ; Joe Biss ; Adams, Adam ; Lam Tran

Subject: RE: USOR - Roll-off Transfer Update

Eric

Thanks for the update. Matt told me about smoothening out the ruts and I requested him to send an email to document it and I would respond to it. I discussed this with another EPA RPM how they have handled it at other sites and here is my recommendation to keep the soil disturbance to a minimum

- The first option is to use boardwalks to access the sampling points; this will keep the disturbance of the soil to a minimum; easier for decon and disposal/recycling
- The lesser preferred option is using clean fill to fill the rutted area; again this will keep the disturbance of the soil to a minimum, but will increase the volume of the soil/gravel if needs to be disposed of/treated later
- The least preferred option is smoothening of the ruts with equipment; this will disturb the top soil layer; also we are not sure of the contamination levels, if any, in the top soil
- Please take before and after pictures and document what was done.

Please let me know if you have any questions. Thanks.

Raji Josiam

Remedial Project Manager

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From: Adams, Adam

Sent: Tuesday, June 14, 2016 4:48 PM

To: Eric Pastor <eric.pastor@pbwllc.com>

Cc: Bryan Luper <Bryan.Luper@pbwllc.com>; 'Derrick Cobb' (derrick.cobb@westonsolutions.com) <derrick.cobb@westonsolutions.com>; Corey Bercher (corey.bercher@westonsolutions.com) <corey.bercher@westonsolutions.com>; Matt Wickham <matt.wickham@pbwllc.com>; Joe Biss

<Joe.Biss@ehs-support.com>; Josiam, Raji <josiam.raji@epa.gov>

Subject: Re: USOR - Roll-off Transfer Update

Thanks for the update. I agree with Raji and your plan. My only suggestion for the BMP's would be, as you probably intend, to utilize them in the drainage paths downgradient from where the ruts are to be addressed; not just on the driveway.

Thanks

Adam

Sent from my iPhone

On Jun 14, 2016, at 4:38 PM, Eric Pastor <eric.pastor@pbwllc.com> wrote:

Hi Adam –

As we previously discussed, during the week of May 16, 2016, the USOR PRP Group transferred 163 of the 226 previously emptied and washed roll-offs at the USOR site to a temporary storage location at the nearby Pasadena Refining System, Inc. property approximately 1,000 feet north of the USOR site. Due to poor weather and resultant soft ground conditions, transfer of the remaining 63 roll-offs was temporarily suspended. Now that weather and ground conditions have improved, the Group intends to resume transfer of the remaining roll-offs this Friday (June 17) or even potentially on Thursday (June 16) if the transfer contractor (Clean Harbors) becomes available. It is anticipated that the transfer of the remaining roll-offs can be completed in two working days, so weather permitting, all roll-offs should be transferred by Monday June 20.

As we discussed earlier this week, after all the roll-offs are transferred, the transfer contractor will use its on-site equipment to smooth out some of the rutted areas that resulted from the previous roll-off transfer during soft ground conditions. As appropriate, some BMPs (e.g., silt fencing, hay bales) will be set in the driveway area to reduce the potential for disturbed soil run-off during or in the near term after the soil smoothing work. It is my understanding that Matt Wickham has discussed the smoothing of the rutted areas with regard to subsequent RI/FS soil sampling in this area with Raji Josiam and that Raji did not object with that activity being performed (Raji – please clarify if my understanding is not correct).

Please let me know if you have any comments/questions or would like to discuss this further.

Thanks.

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